QMI-FTMCSC

QuickMedia® FlipTop Media Center with Cable Storage Compartment - International Version

As the perfect front end for Crestron's MediaManager family of low-cost AV distribution products, the ingenious QuickMedia® FlipTop line provides a range of elegant, integrated multimedia interface and control solutions in a stylish flush-mount tabletop design.

FlipTop Housing
Handsomely finished in either black anodized or brushed aluminum, the QMI-FTMCSC mounts flush in any tabletop surface for a clean, professional appearance. The sleek design of the "FlipTop" lid features an integrated keypad to provide programmable pushbutton control at every interface location. Wiring for the QMI-FTMCSC is extremely simple requiring just a single CresCAT™QM cable (sold separately).

Multimedia Interface
Individual inputs are provided for composite, S-Video, and RGB/component signals, each with corresponding stereo audio, to accept connections from portable AV devices and computers.

Cable Storage Compartment
Connectivity for computer signals is facilitated using easy pull-out RGB and audio cables (included), which attach to inputs hidden beneath the table surface and stow neatly within the FlipTop compartment when not in use. Excess cable simply drops out-of-sight below the box through
grommeted holes provided in the bottom plate. Network connectivity is easily included using any third-party LAN cable.

International AC Power Outlet
For complete connectivity, the QMI-FTMCSC includes an AC power receptacle. A choice of outlet types is available to accommodate virtually any country or region including UK, Europe (Schuko), Italy, France, Australia, and China.

Integrated Keypad
The customizable keypad provides 10 to 20 programmable pushbuttons for control of AV, lighting, and other functions. All button caps are engravable and include LED feedback indicators. Two LED bargraphs are also provided to display level settings and other parameters. To prevent accidental button presses, the keypad is automatically disabled whenever the lid is not
fully opened.

AV Switcher and Mic Preamp
The built-in 3X1 switcher includes audio breakaway to allow the three program audio inputs to be switched independent of the video and RGB inputs. Additionally, two gated microphone inputs are included via terminal block connectors located below the table surface. Both dynamic and
condenser type microphones are supported with software switchable 48V phantom power available at both microphone inputs. Balanced or unbalanced line-level sources such as wireless microphones can also be accommodated. Input gain and gating controls for each microphone/line input are fully adjustable at setup, and can also be controlled in real-time from a keypad or touchpanel.

QuickMedia® Transport
Using Crestron's revolutionary QuickMedia transport, all input signals are transmitted from the QMI-FTMCSC to any QuickMedia Receiver or Distribution Center over a single inexpensive CAT5e type cable*. Computer resolutions up to 1920 X 1200 pixels at 60Hz are supported

over cable runs up to 450 feet. Audio signals are transmitted digitally with high-performance 24-bit resolution. QuickMedia dramatically simplifies system design and installation, affording a higher level of performance at a lower overall cost.

MediaManager System Integration
Whether using just one FlipTop Box or several, complete system operation can be made transparent to the end-user with all signal routing occurring smoothly under the command of the MediaManager control system. Built-in video sensing on every video/RGB input can be utilized to trigger automatic input selection and power control. Complete MediaManager systems are easy to design, program and adjust from start to finish using Crestron SystemBuilder™ software.

> Stylish flush-mount FlipTop housing

> Composite, S-Video and RGB/component inputs

> 3 stereo audio and 2 gated mic/line inputs

> 3X1 switcher with audio breakaway

> Video sensing | Auto-switching

> Integrated keypad w/dual bargraphs

> LAN cable pass-thru

> International AC power outlet

> QuickMedia transport | Cresnet communications

> Low-cost, quick and easy installation

> Easy setup using Crestron SystemBuilder software

> Easy pull-out VGA cable management

QMI-FTMCSC

SPECIFICATIONS

Video

Signal Types: RGB and composite, S-Video, or component† video
RGB Formats: RGBHV, RGBS, or RGsB
Video/HDTV Formats: NTSC or PAL, HDTV up to 1080i/1080p†
Gain: 0dB (75 ohms terminated)
Maximum Resolution: 1920 x 1200 @ 60Hz (at unity gain) with maximum cable length of 450 feet and maximum compensation at receiver

Audio

Features: 3X1 stereo audio switcher, 2-channel gated mic preamp
Mic Input Gain: 0 to 100 % (40dB range) plus mute
Gate Level (Threshold): 0 to 100 %
Attack: 0 to 100 mS
Decay (Release): 0 to 5000 mS
A-D Conversion: 24-bit, 48 kHz
Frequency Response: 20Hz to 20kHz

Buttons & Indicators

Keypad: Programmable keypad allowing variable combinations of large and small engravable buttons, 10 minimum (all large) to 20 maximum (all small); ships with 10 large buttons (small buttons and engraving sold separately)
Button Feedback: (1) red LED per button, programmable
Bargraphs: (2) red 8-segment LED bargraphs, programmable
PWR: (1) green LED, indicates 24 Volts DC power supplied from Cresnet control network
NET: (1) yellow LED, indicates communication with Cresnet system
SETUP (bottom): (1) miniature pushbutton and red LED, used for touch-settable ID (TSID)

Connectors - Front Panel

S-VIDEO: (1) 4-pin mini DIN female, S-Video (Y/C) input;
Input Impedance: 75 ohms;
Maximum Input: 1 Vp-p;
Signal sensing on Y
AUDIO (S-Video): (2) RCA female, unbalanced stereo line-level audio input;
Input Impedance: 10k ohms;
Maximum Input Level: 2 Vrms
VIDEO: (1) RCA female, composite video input;
Input Impedance: 75 ohms;
Maximum Input: 1 Vp-p;
Includes signal sensing
AUDIO (video): (2) RCA female, unbalanced stereo line-level audio input;
Input Impedance: 10k ohms;
Maximum Input Level: 2 Vrms
MAX 250V : (1) Grounded AC socket, AC power pass-thru outlet;
Specify Socket Type: PWR-AU-B (Australia/China), PWR-EU-B (Europe "Schuko"), PWR-FR-B (France), PWR-IT-B (Italy), or PWR-UK-B (UK);
Maximum Load: 10 Amps @ 250 Volts AC, 50/60 Hz

Connectors - Bottom Panel

COMPUTER: (1) DB15HD female,RGB(VGA)/component video† input;
Formats: RGBHV, RGBS, RGsB, YPbPr;
Input Impedance: 75 ohms;
H/V Sync Impedance: 1k ohms;
Maximum Input Level: 1 Vp-p;
Maximum H/V Sync Level: 5 Vp-p;
Signal sensing on H, Y, and Gs;
Connects to 6 ft VGA patch cable (included)
AUDIO: (1) 3.5mm TRS mini phone jack;
Unbalanced stereo line-level audio input;
Input Impedance: 10k ohms;
Maximum Input Level: 1 Vrms;
Connects to 6 ft mini-TRS audio patch cable (included)
MIC/LINE 1 - 2: (2) 5-pin 3.5mm detachable terminal blocks;
Balanced Mic Input Level: -60 to -20 dBV nominal;
Balanced Line Input Level: -28 to +12 dBV; 4 Vrms maximum;
Unbalanced Line Input Level: -34 to +6 dBV; 2 Vrms maximum;
Mic Input Impedance: 10k ohms, accepts 60 to 600 ohm source;
Line Input Impedance: 22k ohms balanced, 11k ohms unbalanced;
Phantom Power: 10 mA (total) @ 48 Volts DC, software enabled to both MIC inputs
MAX 250V : (1) IEC socket;
Passes through to front panel AC power outlet
QM: (1) 8-wire RJ45 female,QuickMedia output port;
Connects to QM input port of any QuickMedia device via CresCAT-QM or CresCAT-IM cable*
NET: (2) 4-pin 3.5mm detachable terminal blocks;
Cresnet slave ports, paralleled; connect to Cresnet control network via CresCAT-QM or Cresnet cable
G: (1) 6-32 screw, chassis ground lug

Power Requirements

Cresnet Power Usage: 8 Watts (0.33 Amp @ 24 Volts DC)

Environmental

Temperature: 41° to 104°F (5° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Black painted metal with black anodized or brushed aluminum cover; flush tabletop mountable

Dimensions

Height: 5.58 in (14.17 cm) with lid closed
Width: 8.50 in (21.58 cm)
Depth: 6.67 in (16.95 cm) without mounting brackets

Weight

4.80 lb (2.18 kg)

** For QuickMedia wiring use CresCAT-QM, CresCAT-IM, or quality CAT5e/CAT6 cable with a delay skew of ≤15nS per 100m; the maximum aggregate cable length and delay skew between any QM transmitter (origination point) and QM receiver (endpoint) is 450 ft (137 m) and 22 nS; a maximum of two QM midpoint devices may be inserted in a given QM signal path; exceptions apply, refer to each respective product manual for full detail.*

† Component video or HDTV may require a suitable VGA-to-component adapter or breakout cable, not provided.

Available Models

QMI-FTMCSC-B: QuickMedia FlipTop Media Center with Cable Storage Compartment - International Version, Black Anodized
QMI-FTMCSC-BALUM: QuickMedia FlipTop Media Center with Cable Storage Compartment - International Version, Brushed Aluminum

Included Accessories

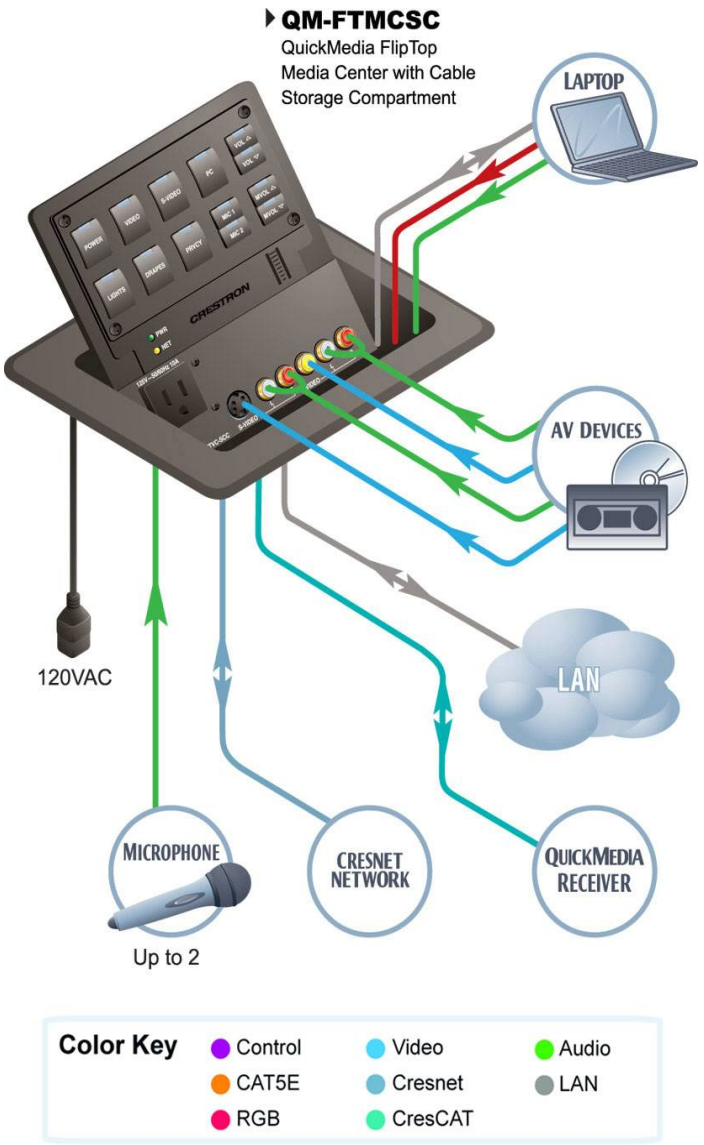
FT-BTNB-L Single Large Engravable Button Cap (blank) [Included Quantity for QMI-FTMCSC-B, QMI-FTMCSC-BALUM: 10]

Available Accessories

CBL-RCA-1.5: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 1.5 ft
CBL-RCA-12: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 12 ft
CBL-RCA-3: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 3 ft
CBL-RCA-6: Crestron® Certified RCA Composite Video and S/PDIF Audio

CBL-RCA2-1.5: Crestron® Certified RCA Stereo Audio Interface Cable, 1.5 ft
CBL-RCA2-12: Crestron® Certified RCA Stereo Audio Interface Cable, 12 ft
CBL-RCA2-3: Crestron® Certified RCA Stereo Audio Interface Cable, 3 ft
CBL-RCA2-6: Crestron® Certified RCA Stereo Audio Interface Cable, 6 ft
CRESCAT-QM-NP-SP500: QuickMedia® Cable, Low-skew CAT5e & Cresnet, non-plenum, 500 ft spool
CRESCAT-QM-P-SP500: QuickMedia® Cable, Low-skew CAT5e & Cresnet, plenum, 500 ft spool
FT-BTNB-L: Single Large Engravable Button Cap
FT-BTNB-S: Dual Small Engravable Button Caps
QM-FTCMK: FlipTop Cable Management Kit

Typical QM-FTMCSC Application



Crestron Electronics, Inc. 15 Volvo Drive I Rockleigh, NJ 07647
Tel: 800.237.2041 / 201.767.3400 I Fax: 201.767.1905
www.crestron.com

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